



# 2040 Freight Plan



PFC - 07.06.23

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**PBOT**  
PORTLAND BUREAU OF TRANSPORTATION

# Agenda

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1. Plan + process overview
2. Integrating public feedback

# Planning + engagement

## 2020 - 2021

### Advisory Meetings

- Portland Freight Committee
- 2040Freight Community Advisory Committee
- 2040Freight Technical Advisory Committee

### Stakeholder Meetings

- Central Eastside Industrial Council Transportation Parking Advisory Committee (CEIC TPAC)
- Street Trust leadership meeting
- Friends of Baltimore Woods

### Public Survey

### Stakeholder Interviews

- 14 Industry leaders
- 17 Community leaders & Policy makers
- Black Food Sovereignty Coalition Focus Group

### 4 Technical Reports

### 8 Videos

## 2022

### Focus Groups

- Russian
- Chinese
- Vietnamese
- Spanish
- Accessibility
- Industrial land developers + industrial land brokers

### Stakeholder Meetings

- Cargo bicycle discussion
- Brooklyn Action Corps neighborhood
- Bridgeton Neighborhood Association

### PBOT Modal Committee Visits

- Bicycle Advisory Committee
- Pedestrian Advisory Committee
- Portland Freight Committee

### Public Prioritization Workshop

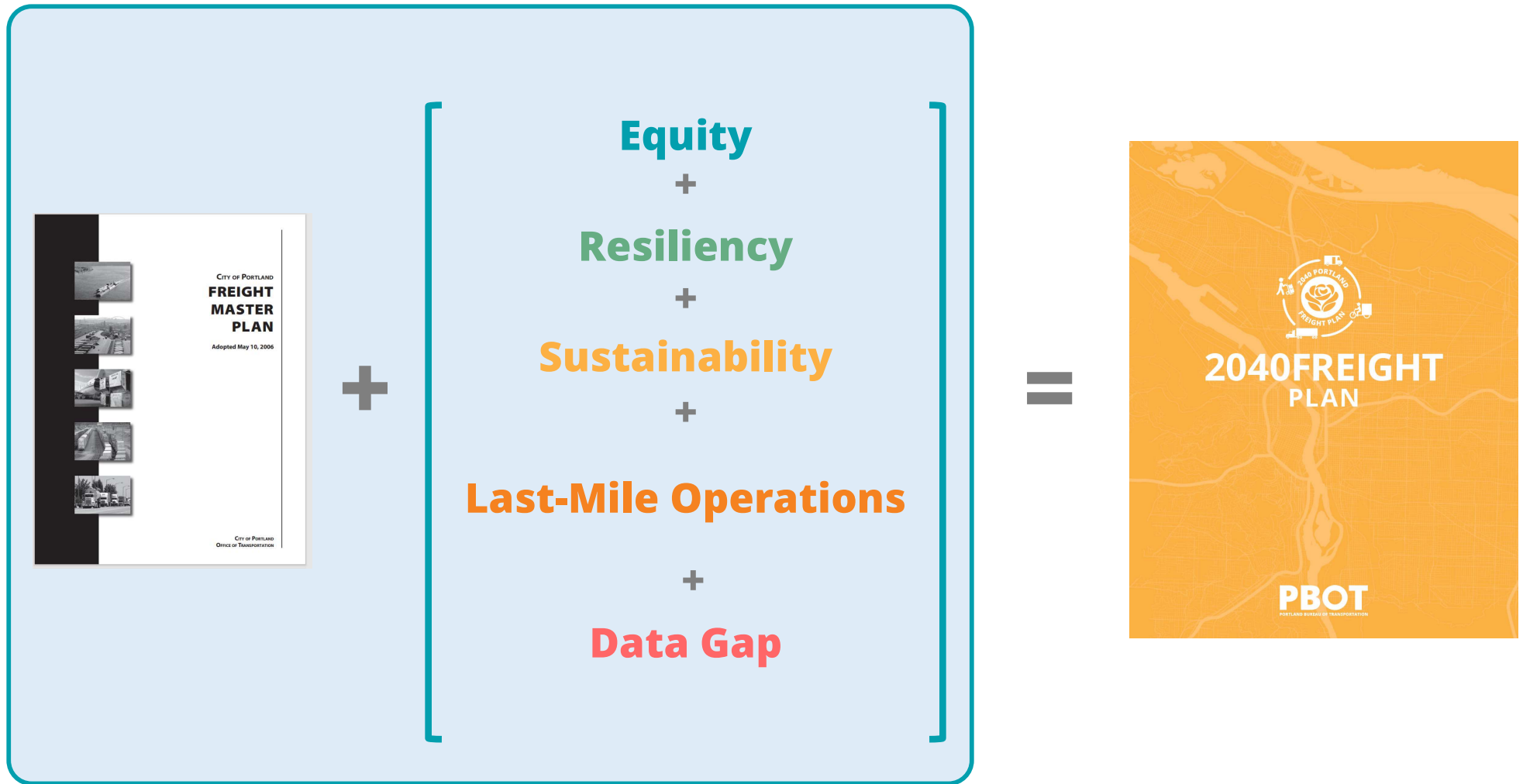
### 6 Technical Reports

## 2023





# Our approach



# Goals

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## ECONOMIC VITALITY



## EFFICIENCY



## ACCESS



## SAFETY



## ENVIRONMENT



## EQUITY



## SYSTEM CONDITION



## PARTNERSHIP & KNOWLEDGE



# Plan structure

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Ch. 1: What is the 2040 Freight Plan?

Ch. 2: Existing + Future Conditions

Ch. 3: Trends

Ch. 4: From Vision to Actions

Ch. 5: Transportation Strategy

Ch. 6: Freight-related Projects

Ch. 7: Freight District/ Street Classification Changes

Ch. 8: Prioritizing Freight-related Needs

Ch. 9: Industrial Areas Not Served by Transit

## Appendices

- A. Glossary
- B. City of Portland policies shaping this work
- C. Proposed regional and local freight-related infrastructure improvements

- D. Critical infrastructure resiliency evaluation
- E. PBOT financial context
- F. Engagement and iteration process
- G. TSP Updates



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# INTEGRATING FEEDBACK

# **Chapter 3.**

## **Existing and Future Conditions**

# Employment Trends



## Industrial Jobs

### Added resources:

1. 2035 Comp Plan Policies for Industrial and employment districts
2. BPS - Economic Opportunity Analysis Report

# Efficiency



**IBR Considerations**



**Over-dimensional  
Freight**

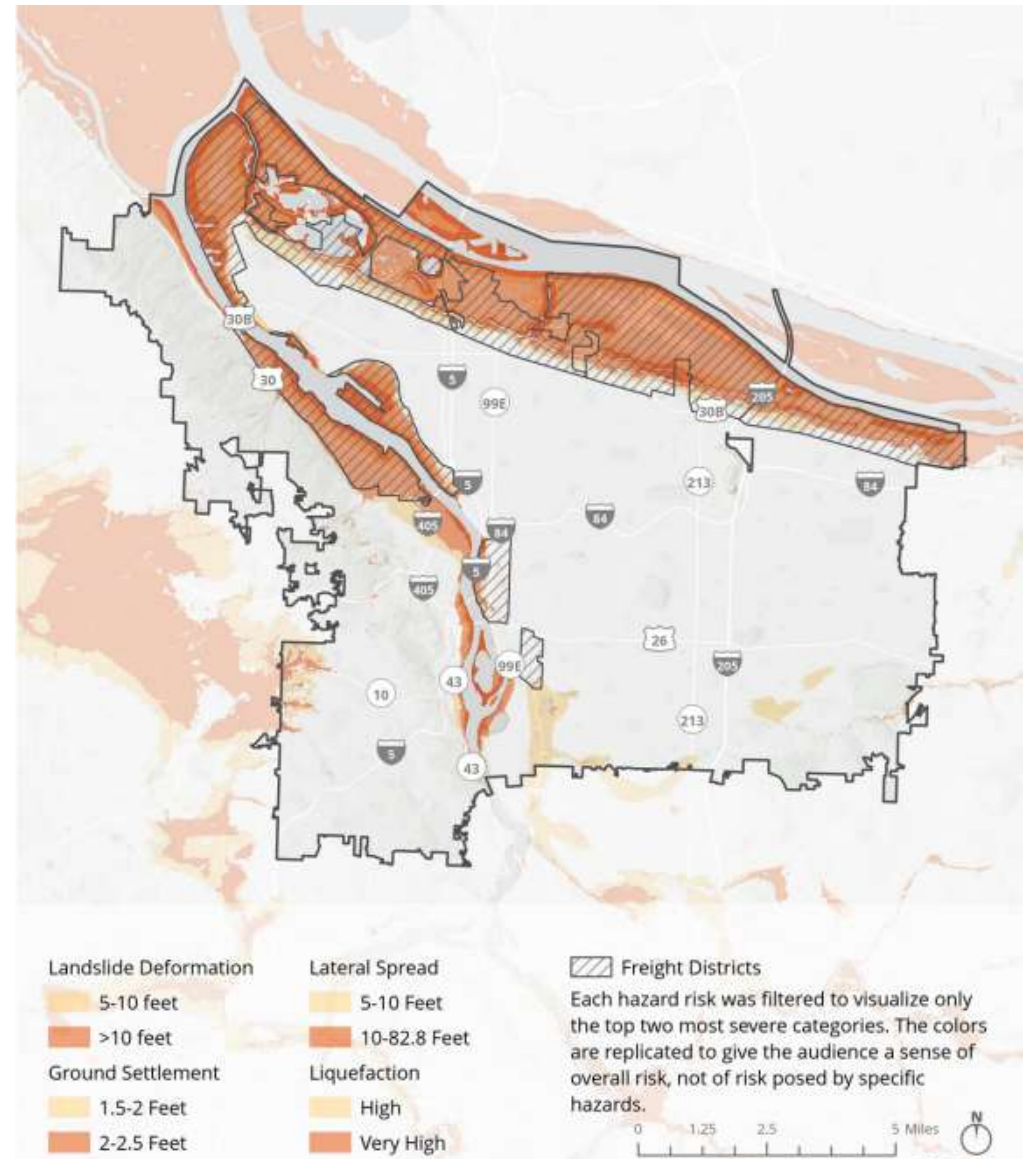


# Freight Resiliency

- *New Section*

The freight transportation system is vital to post-event economic and community recovery, including:

- Provision of essential goods and services,
- Mitigate impact to local and regional businesses, and
- Re-establishing lifelines.



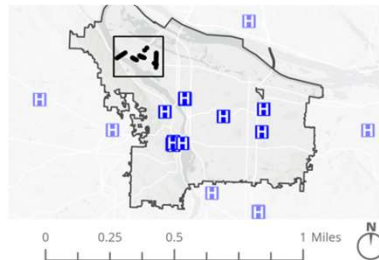
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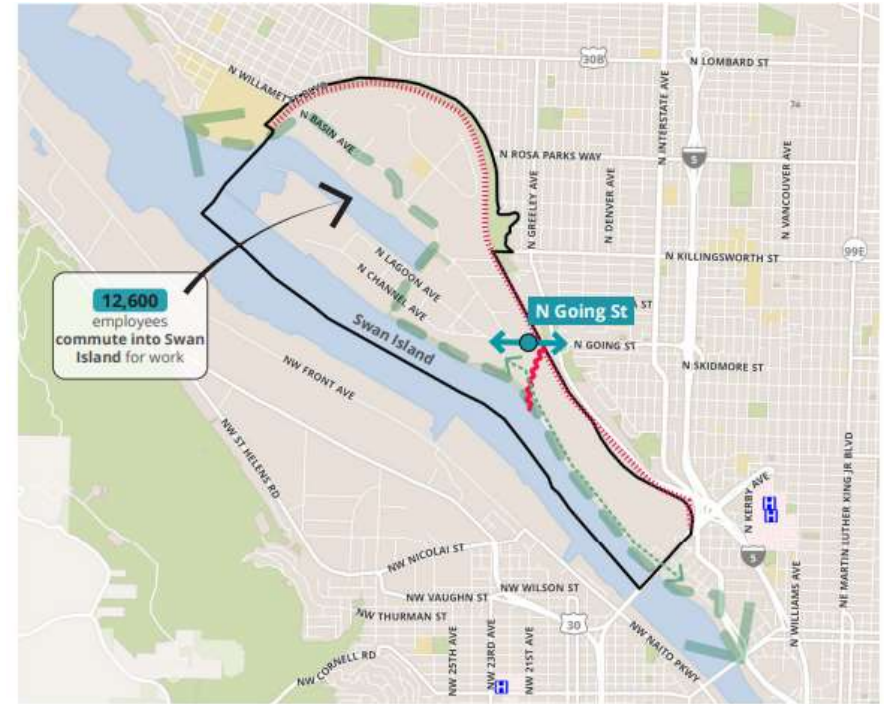


- Critical Access
- Bridges/Tunnel
- ⌘ Hospitals
- Centers
- ⌘ Town Center
- ⌘ Neighborhood Center

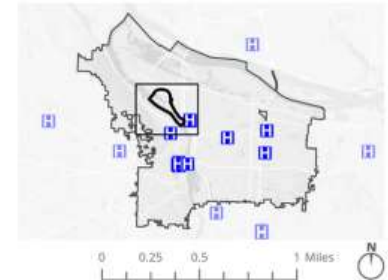
- Corridors
- Civic Corridor
- Neighborhood Corridor



## St Johns & Rivergate



- Critical Access
- Swan Island/Albina Connector
- North Portland Greenway
- Steep Slopes
- Restricted Access (railroad yard)
- ⌘ Hospitals



## Swan Island



# Community Impacts *New Section*



**Railroad Crossings**



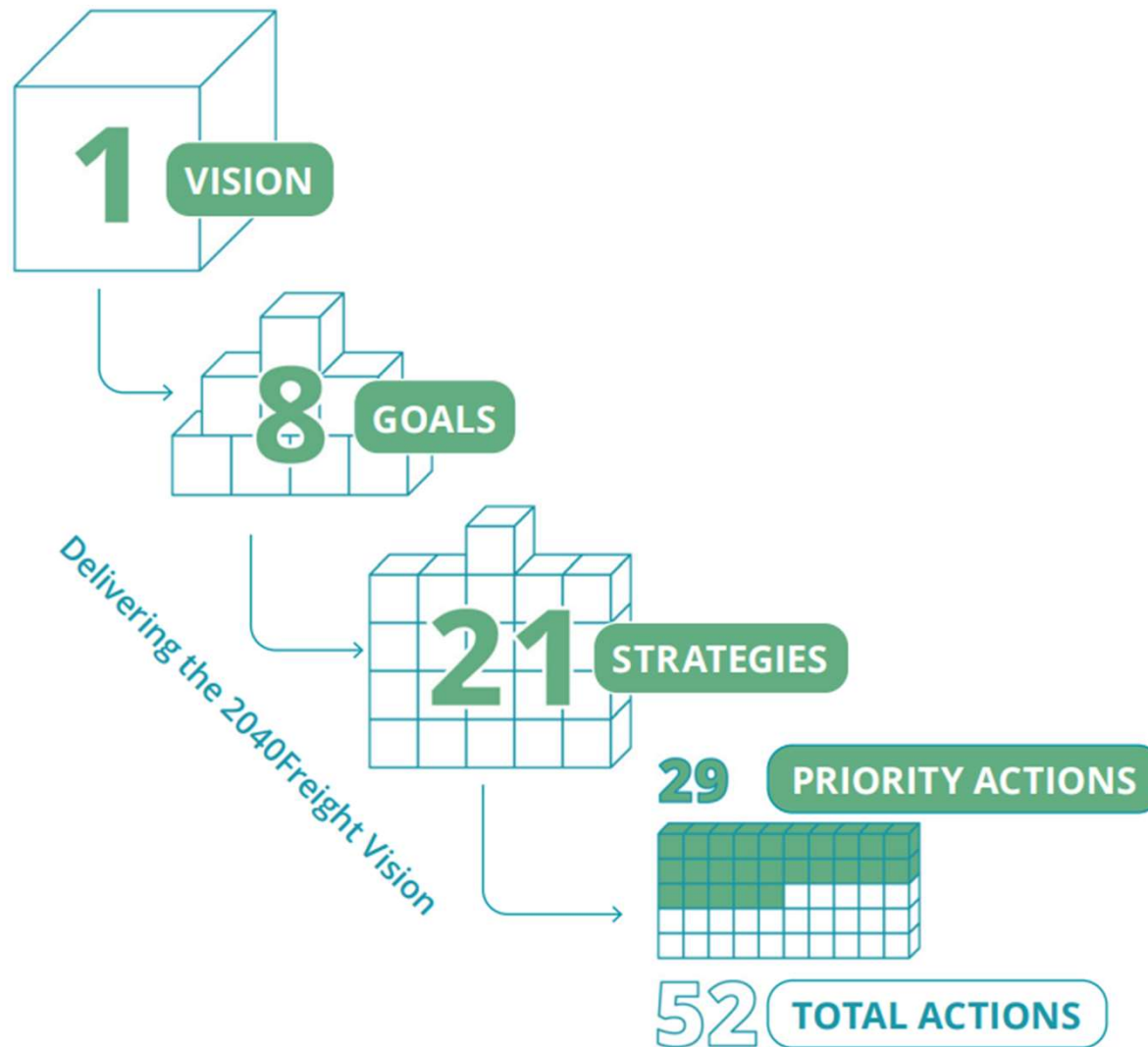
**Load/Unload Parking Operations**

# **Chapter 4.**

## **Existing and Future Conditions**



# From vision to actions



Clean  
technology

Industrial job access  
improvements

Last-mile Solutions

Project development

Collaboration and  
engagement

Curb management

# Additions and Refinements to the 2040 Freight Action List

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1. **Earthquake impact analysis** on vital freight infrastructure. The study aims to formulate **effective strategies to enhance the resilience** of industrial zones situated in highly vulnerable seismic regions, prioritizing the **Rivergate and Swan Island industrial areas**.
2. Regional collaboration to develop projects and secure funding that **address St. John's and Rivergate freight resiliency and emergency response needs**.
3. Develop and pilot toolkit of strategies to **support safe traffic operations for schools near freight districts** and along major freight routes while promoting safety education for both students and drivers.
4. Conduct a **corridor study** along the Union Pacific Mainline Railroad from Albina Yard to Brooklyn Yard to improve, close and/or **grade-separate rail crossings in the Central Eastside and Clinton Neighborhood**.
5. Collaborate with Metro and ODOT to conduct a study and project development of **a multi-modal tolled bridge over the Willamette River from Hwy 30 to Rivergate**.
6. **Evaluation and implementation framework of Quick Build infrastructure improvements** at freight districts and locations with high concentrations of truck-involved crashes.

# Chapter 5. Transportation Strategy



# Transportation Strategy

Characteristics of urban freight:

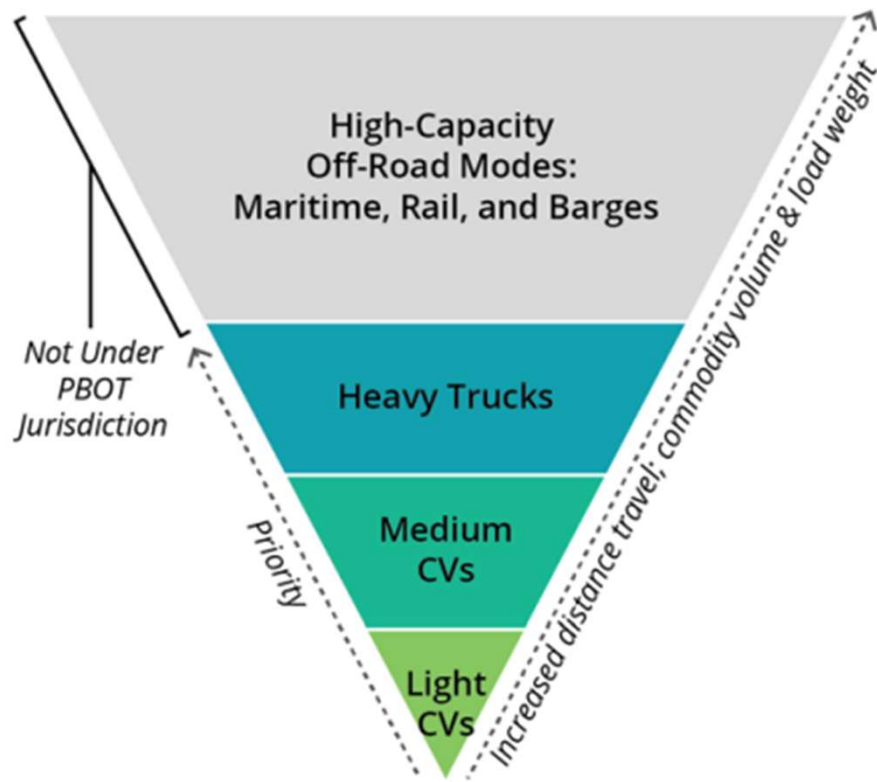
1. Freight is a multimodal system
2. Freight considers multiple operations, facilities, and activities
3. Urban freight planning requires complex considerations
4. Flow and access are key transportation roles
5. Regional scale vs local scale





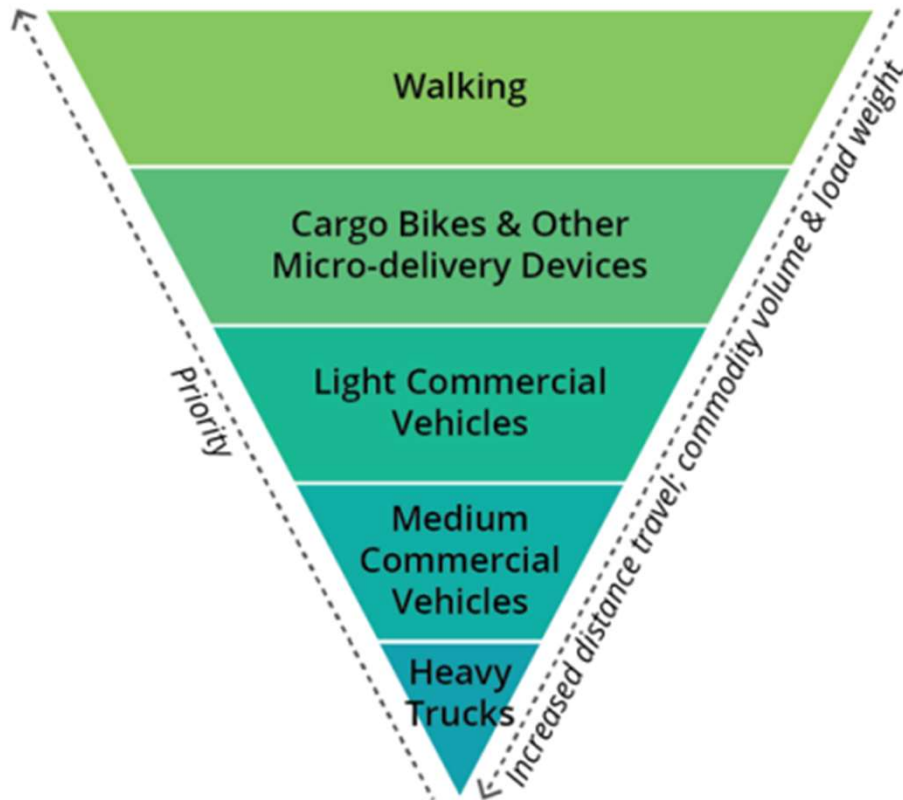
# Prioritizing the Right Size Mode:

## *Industrial land and intermodal terminals*



# Prioritizing the Right Size Mode:

*Commercial and residential areas*



Credits: A. Alligood, UFL (2017)

# Chapter 6.

## Freight Related Projects





# 2040 FREIGHT PLAN